



DEPARTMENT OF TOXIC SUBSTANCES CONTROL
REGISTERED ENVIRONMENTAL ASSESSOR
(REA) E-NEWSLETTER

July/August 2011

Hello REAs!

In this quarterly issue of the REA E-News, the California Department of Toxic Substances Control (DTSC) features news, useful Web sites, training and information on upcoming events.

We want to hear from you! Please contact us with any comments or ideas you have about the REA E-News (what you like and do not like), the REA Program in general, or suggestions on how we can better assist you. Your input is very important to us and we hope you will let us know how we are doing by completing our survey online at the link below.

****IMPORTANT INFORMATION****

THE REA I (1) ANNUAL REGISTRATION FEES: Due Postmarked by **June 30**. There is a **\$25.00 late fee** for the annual registration **after** June 30. Please contact our office if you did not receive the invoice. **After June 30 annual and late fees are due by July 31 if not received registries will be closed August 2, 2011.**

For REA I and REA II

Payments of annual registrations are processed separately from your application for the five-year renewal. Upon payment of your REA annual registration fee, you will receive a new ID card even if your five-year renewal is pending. Please note: that you are still required to complete the five-year renewal process in order to maintain your registration.

THE FIVE-YEAR RENEWAL: You must complete an application for the renewal of your REA registration every five years from the date of your initial registration. There is a \$50.00 application processing fee.

Please note: that the five-year renewal process and the annual registration are **separate** elements of the Registered Environmental Assessor (REA) Program. Both must be met in order to maintain your registration.

Please remember to verify your contact information and update us with any changes at [REA Online Update Form](#) **or** send changes to REA_Mailbox@dtsc.ca.gov

Survey Link:

<http://www.surveymonkey.com/s.cfm?SID=6D4AFF43-FF9E-87C0-4BA41DB83A4DDF51>

Please Note: REA Program does not participate in Facebook or LinkedIn internet connections. The Program is short staffed and the internet is time consuming.

Note: We use Pacific Time for upcoming events.

~~~~~

## DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC)

**Green Ribbon Science Panel Public Meeting:** Cal/EPA Headquarters, Sierra Hearing Room, July 15, 12:30 P.M. to 5 P.M. - Coordinator: Kim Smith [ksmith1@dtsc.ca.gov](mailto:ksmith1@dtsc.ca.gov)

**\*\*ECL Seminar Series:**

Wednesday, July 13 at 2 P.M. Speaker: Marine Grigoryan, Ph.D., Environmental Chemistry Laboratory – Topic: Human Serum Albumin Adductomics -Auditorium 1 & 2.

Wednesday, July 27 at 2 P.M. Speaker: Syrago (Sissy) Petropoulou, Ph.D., Environmental Chemistry Laboratory - Topic: Measuring Emerging Halogenated Phenolic Compounds in Human Serum using Solid Phase Extraction and Liquid Chromatography Tandem Mass Spectrometry.

Wednesday, August 10, at 2 P.M. Speaker: Syrago (Sissy) Petropoulou, Ph.D. Environmental Chemistry Laboratory – Topic: TBD - Auditorium 1 & 2.

Wednesday, September 14, at 2:00 p.m. Speaker: Carl Manor, Ph.D., Department of Philosophy - University of California Topic: Legally Poisoned: How the Law Puts Us at Risk from Toxicants.

**\*\*All** ECL Seminars held at Berkeley Regional DTSC Office, 700 Heinz Avenue, Berkeley.

**SB14 Hazardous Waste Training Webinar:** Webinar Hazardous Waste and Source Reduction Management Act of 1989 (SB14). July 20 and August 17, 9 A.M. to 11:30 A.M. Contact: Diana Phelps at (916) 327-1190. Registration: go to <https://student.gototraining.com/690dt/rt/4421555503196692736>

**CA/EPA's Basic Inspector Academy:** Cal/EPA's Basic Inspector Academy - Introduction for new Inspectors in environmental crimes. Course held 08/15/2011 - 08/18/2011 at DTSC Cal Center Office-Sacramento and September 13-16 at Los Angeles Media Center-LA.

~~~~~  
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY (CAL/EPA)

CWA127: Clean Water Act Tribal Workshop (Region 9): Students will learn about various CWA topics such as stormwater MS4 compliance, construction, industrial, 404 compliance, wastewater and the 2011 EPA CGP. Workshop located at U.S. EPA Region 9, 75 Hawthorne Street 1st floor, Calif/Ariz Rooms, San Francisco, CA 94105. Held August 23 from 8 A.M. to 5 P.M. Contact: Zena Aldridge at aldridge.zena@epa.gov or (202) 564-3954.

CST315: Civil/Criminal Enforcement Training V: This two-day event provides legal training for enforcement and technical staff. Target Audience: Federal Employees, State Employees, Local Government Employees, Tribal Employees, Attorneys, Technical Experts, Inspectors, Investigators and Administrative, Civil, Criminal. Training held at U.S. EPA Region 6, Room

Number: TBD, 1445 Ross Ave., Dallas, TX 75202 on September 28 & 29, 9 A.M. to 5 P.M.
Phone: (214) 665-2245 or contact: Zena Aldridge at aldridge.zena@epa.gov or
(202) 564-3954.

For information on courses offered in the upcoming months visit the web site:
[Course Schedule](#)

~~~~~  
**STATE WATER RESOURCES CONTROL BOARD (SWRCB) & REGIONAL WATER  
QUALITY CONTROL BOARDS (RWQCBs)**

**\*Phase II Stormwater Public Workshop:** Cal/EPA Headquarters, Byron Sher Auditorium,  
July 7 - 9 A.M. to 12 P.M. - Coordinator: Eric Berntsen [eberntsen@waterboards.ca.gov](mailto:eberntsen@waterboards.ca.gov)

For information on SWRCB and RWQCB meetings and activities, visit the web site below.

Web site: [http://www.waterboards.ca.gov/board\\_info/agendas/](http://www.waterboards.ca.gov/board_info/agendas/)

**Online Stormwater BMP Courses:** Office of Water Program (OWP) is now offering new courses based on the Stormwater Best Management Practice (BMP) Handbooks. Each course consists of two components, the CASQA BMP Handbook and course enrollment. Enrollment includes a study guide on CD-ROM, and access to the final exam. Two continuing education units (CEUs) will be awarded for passing each final exam. A certificate will be issued for each completed course.

Online Stormwater BMP Courses Web site: [Office of Water Programs](#)

~~~~~  
AIR RESOURCES BOARD (ARB)

***Clean Fuels Outlet Workshop III:** Cal/EPA Headquarters, Byron Sher Auditorium, July 13,
1 P.M. to 4 P.M. Coordinator: Leslie Goodbody lgoodbod@arb.ca.gov [Agenda](#)

***CPB Public Meeting:** Cal/EPA Headquarters, Sierra Hearing Room, 9 A.M. to 5 P.M.
July 19 and Bryon Sher Auditorium July 26. Coordinator: Aubrey Sideco asideco@arb.ca.gov
[Agenda](#)

Public Workshop - Composite Wood ATCM Amendments: Cal/EPA Headquarters, Byron
Sher Auditorium, August 23, 9 A.M. to 12:30 P.M. - Coordinator: Peggy Taricco
ptaricco@arb.ca.gov

SES Public Meeting: Cal/EPA Headquarters, Byron Sher Auditorium, September 1, 9 A.M. to
5 P.M. Coordinator: Aubrey Sideco asideco@arb.ca.gov

Course #100: Fundamentals of Enforcement (FOE or Smoke School): This three-day course is a basic overview of air pollution emphasizing visible emissions evaluation. This certification is valid for six months and must be renewed by attending [Course #100.1 VEE Day Certification](#) and [Course #100.2 VEE Night Certification](#). Click on dates for more information:

07/19/2011 - 07/21/2011 and [Register Online](#)

Course #101: Uniform Air Quality Training Program (UAQTP): The UAQTP is a series of 14 sections providing an introduction to air pollution control and enforcement. You will learn the basics of air pollution history, the evolution of air pollution laws and regulations, control equipment, and inspection procedures associated with proper compliance inspections. Click on dates for more information: [09/19/2011 - 09/22/2011](#) and [Register Online](#)

CA/EPA's Basic Inspector Academy: Cal/EPA's Basic Inspector Academy - Introduction for new Inspectors in environmental crimes. Course held [09/13/2011 - 09/16/2011](#) at Los Angeles Media Center-LA and held [11/14/2011 - 11/17/2011](#). Click on dates for more information.

For more information on ARB classes, training, and workshops visit the web sites below.

Web site: [ARB Training](#) - ARB [Courses](#) - Web site: [Air Pollution Seminar Series](#)

~~~~~  
**DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY (CALRECYCLE)**

**\*CalRecycle Monthly Public Meeting:** Cal/EPA Headquarters, Byron Sher Auditorium, July 19 10 A.M. to 5 P.M. - Coordinator: Kristen Garner [Kristen.Garner@CalRecycle.ca.gov](mailto:Kristen.Garner@CalRecycle.ca.gov)

**\*CalRecycle Monthly Public Meeting:** Cal/EPA Headquarters, Byron Sher Auditorium, August 16 and September 20, 10 A.M. to 5 P.M. - Coordinator: Roberta Crittenden [Roberta.Crittenden@CalRecycle.ca.gov](mailto:Roberta.Crittenden@CalRecycle.ca.gov)

**\* Integrated Waste Tire Management Plan Framework for Baja California Workshop:** Cal/EPA Headquarters, Byron Sher Auditorium. October 18. 1 P.M. to 4 P.M. Coordinator: Monica Rodriguez [Monica.Rodriguez@CalRecycle.ca.gov](mailto:Monica.Rodriguez@CalRecycle.ca.gov)

For more information on events visit the web site at: [CalRecycle Calendar](#)

**\*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.**

**Please check dates 10 days before meetings to confirm.** Go to [Cal/EPA Live Webcasts](#) for technical requirements and links.

Agendas are available approximately 10 days before the meeting date: [Agricultural Pest Control Advisory Committee \(APCAC\)](#), [Pest Management Advisory Committee \(PMAC\)](#), [Pesticide Registration and Evaluation Committee \(PREC\)](#), and [Air Monitoring Network](#)

**WASTECON 2011:** Join SWANA August 23-25, 2011 for WASTECON Nashville. Highlights Include: 3 Days of technical sessions featuring industry leading solid waste speakers; 3 Days of networking opportunities, including the Elvis Night Opening Reception and Wednesday Night Networking Event at Wildhorse Saloon; Exhibit Hall featuring hundreds of the industry's best solid waste product and service providers;  
[For registrations or more information, please click here.](#)

**SWANA Landfill Symposium:** Landfill Symposium and Fall Training Center Orlando, Florida - October 31 - November 3, 2011. [For registrations or more information, please click here.](#)

**LEA Training Web site:** <http://www.calrecycle.ca.gov/LEA/Training/>

~~~~~  
OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT (OEHHA)

Bio-monitoring California Scientific Guidance Panel Meeting: Cal/EPA Building, Coastal Hearing Room, 2nd Floor 1001 I Street, Sacramento, held July 14, from 10 A.M. to 5 P.M.
[Agenda for the July 14, 2011 Scientific Guidance Panel Meeting, Sacramento, CA is now available](#)

Notice is Here By Given: The Office of Environmental Health Hazard Assessment (OEHHA) within the California Environmental Protection Agency is adding *epoxiconazole* (CAS No. 135319-73-2) to the list of chemicals known to the state to cause cancer for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). The listing of *epoxiconazole* is effective **April 15, 2011**.

The documentation supporting OEHHA's determination that the criteria for administrative listing have been satisfied for this chemical is included in the Notice of Intent to List Epoxiconazole.
http://www.oehha.ca.gov/prop65/CRNR_notices/admin_listing/intent_to_list/pdf_zip/noilabpkg36.pdf published in the February 5, 2010 issue of the California Regulatory Notice Register (Register 2010, No. 6-Z).

A complete, updated [Proposition 65 list is available for download as a pdf file here.](#)

Web site: [Proposition 65](#)

OEHHA News and Information Web site: www.oehha.ca.gov.

~~~~~  
**OTHER EVENTS, TRAINING & NEWS**

**EVENTS**

**Biomass 2011 Renewable Power Fuels and Chemicals Workshop:** Biomass 2011 will be the ninth conference dealing with the real potential of biomass as a renewable resource. It has many near-term uses now, as seen in the ethanol and biodiesel industry, and holds hope as the largest global sustainable and renewable energy resource. Conference held at the Alerus Center, Grand Forks, N.D. on July 26-27. Click on title for more information.

**WaterSmart Innovations Conference and Exposition:** Presented by the Southern Nevada Water Authority in partnership with the U.S. Environmental Protection Agency's WaterSense Program and other forward-thinking organizations, this event will build upon the success of the first three conferences, which were created to broaden the knowledge of innovations in water

conservation including products, programs, and outreach. Conference in Las Vegas, Nevada on October 5-7. Click on the title for more information.

**2011 Water Quality Technology Conference:** This event provides a practical forum for the exchange of the latest research and information. The technical program will cover all aspects of water quality and technology and will include a variety of topics such as: biological treatment, disinfection byproducts, practices, system issues, and health effects and endocrine disrupting compounds/micro constituent's issues. Conference held November 13-17 in Phoenix, Ariz. Click on the title for more information.

For more information on 2011 Conferences visit the web site below:

<http://eponline.com/calendar/full-calendar.aspx>

## TRAINING

### CALIFORNIA COMMUNITY COLLEGES

**DOT 49 CFR Hazardous Materials Transportation:** Business Environmental Resource Center (BERC), 3200 Freedom Park Dr., Ste 100, McClellan, CA Friday, July 15, fee \$110.  
[Link to more information about DOT 49 CFR Hazardous Materials Transportation](#)

**Title 22: Hazardous Waste Handling:** Class held July 22  
[Link to more information about Title 22: Hazardous Waste Handling](#)

**SEMS/ICS/NIMS:** This Class will provide attendees with the SEMS /ICS/NIMS compliance training for state and public agency employees. Class held July 21.  
[Link to more information about SEMS/ICS/NIMS](#)

**Underground Storage Tank Designated Operator Exam Preparation:** Class September 23  
[Link to more information about Underground Storage Tank Designated Operator Exam Preparation](#)

**Note:** Last three courses held at Bay Area ETC at 3000 Mission College Blvd., Santa Clara, CA. Contact: Michael Hall (408) 855-5584 or [mike.hall@wvm.edu](mailto:mike.hall@wvm.edu)

For more information on scheduled classes visit the web site: [www.envtraining.org/calendar](http://www.envtraining.org/calendar)

To register click on link [www.gcccd.edu/ce/](http://www.gcccd.edu/ce/) then, click WebAdvisor under News & Updates.

### University Of California Davis Extension (UCD):

UC Davis Extension offers Environmental Health and Safety and also Environmental Management courses, such as: Health and Safety Training for Hazardous Waste Workers; Clandestine Drug Lab Cleanup – HAZWOPER Supplement; Toxic and Environmental Laws and Regulations; Environmental Management Systems – An Overview; Hazardous Materials Transportation; Environmental Planning and Site Analysis; and Dynamics of Risk Communication.



[GIS for Watershed Analysis: Intermediate](#) - August 26

[Wetlands Regulation and Mitigation](#) - September 7

[Green Building, Sustainability, and Renewable Energy Information Session](#) - September 7

[Enroll Now](#)

**The California Bio-Resources Alliance Symposium:** is now posted and open for enrollment, September 13: [http://extension.ucdavis.edu/renewable\\_energy](http://extension.ucdavis.edu/renewable_energy)

Online course: [LEED Building Certification](#) - October 24

**For 2011 UCD Spring & Summer Sacramento courses** visit the web site:  
[UC Davis Extension Areas of Study](#)

**2011 UCSC Spring & Summer Courses at Santa Clara / Silicon Valley Campuses:**

UCSC Extension offers courses and full certificate programs to meet the needs of new and experienced EH&S professionals. Topics include: environmental safety and health; hazardous materials; hazardous waste; and occupational safety and health. Contact: E-mail [program@ucsc-extension.edu](mailto:program@ucsc-extension.edu) or call (408) 861-3860. For inquiries email: [extension@ucde.ucdavis.edu](mailto:extension@ucde.ucdavis.edu)

For 2011 upcoming courses visit the web site at: [www.ucsc-extension.edu/ehs](http://www.ucsc-extension.edu/ehs)

[How to Enroll](#)

**NORTHWEST ENVIRONMENTAL TRAINING CENTER (NETC)**

**Fundamental Contaminant Chemistry:** This course provides participants with an overview/refresher of key chemistry concepts associated with environmental contamination and provides a foundation for understanding contaminant transport, fate, and remediation.  
[Fundamental Contaminant Chemistry](#)

**Freshwater Fish Identification Morphology, Biology, and Ecology:** Join us as we discover the basics in the identification of juvenile and adult freshwater fish populations found in California. Participants will gain two days of in-class identification experience as well as an opportunity to collect and identify fish in the field during scheduled field visits. Course held July 26 & 27 8:30 A.M. to 5 P.M. Click on link for more information:

[Freshwater Fish Identification Morphology, Biology, and Ecology](#)

**Contaminant Source Tracking and Age-Dating Environmental Forensics Techniques**

This course provides useful information for a large range of professionals dealing with environmental contamination issues, especially legal liability and complex site contamination characterization and cleanup. Course held August 16 & 17 from 8:30 A.M. to 5 P.M.

[Contaminant Source Tracking and Age-Dating: Environmental Forensics Technique](#)

For more information on other courses visit the link: [Northwest Environmental Training Center](#)

## SPECIAL INTEREST NEWS

### **Nanoparticles With Honeycomb Cavities Containing Drugs Blast Cancer Cells:**

*ScienceDaily* (April 18, 2011) - Melding nanotechnology and medical research, Sandia National Laboratories, the University of New Mexico, and the UNM Cancer Research and Treatment Center have produced an effective strategy that uses nanoparticles to blast

cancerous cells with a mélange of killer drugs. To review the entire *ScienceDaily* article, see: <http://www.sciencedaily.com/releases/2011/04/110418114208.htm>

### **New Material Could Improve Safety for First Responders to Chemical Hazards:**

*ScienceDaily* (May 2, 2011) - A new kind of sensor could warn emergency workers when carbon filters in the respirators they wear to avoid inhaling toxic fumes have become dangerously saturated. In a recent issue of the journal *Advanced Materials*, a team of researchers from the University of California, San Diego and Tyco Electronics describe how they made the carbon nanostructures and demonstrate their potential use as microsensors for volatile organic compounds. For the full article, please see:

<http://www.sciencedaily.com/releases/2011/05/110501183923.htm>

## ~~~~~ **NEED TO VERIFY THE STATUS OF A LICENSED GEOLOGIST OR GEOPHYSICISTS?**

Please click the links below for directory and search of licensees:

[Click here to look up Professional Engineers and Professional Land Surveyors](#)

[Click here to look up Professional Geologists and Geophysicists](#)

Web site: <http://www.pels.ca.gov/>

REA E-News, July 2011